BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE ELECTRICAL DIVISION

Name of Work:-Detaild estmate for providing Annual maintenance and Repairs to Electrical instalation at JC dasarahalli Zonal office building

Budget Head P02974

Division No Dasarahalli Estimate No 10 For Rs. 635000 00

Sl.No	Sl.No	Description of Work	Unit	Qty	Rate Rs Ps	Amount Rs Ps
1	KE/31/LMW/2017 Dated 28/4/2017	Providing servicess of Electrician With tools , Rs 14021 27/Month/person, Rs 14021 27÷26Days=539 27/Day/Person, Including E S I & PF, As per Go No KE/31/LMW/2017 Dated 28/4/2017	Per ManDays	210	605 56	127167 60
2	KE/31/LMW/2017 Dated 28/4/2017	Providing servicess of Helper (Electrical) Rs 12746 61/Month/person, Rs 12746 61÷26Days = Rs 490 25/Day/Person Including E S I & PF, As per Go No KE/31/LMW/2017 Dated 28/4/2017	ManDays	210	556 53	116871 30
3	105/16 15	A) Supplying and Fixing/replacing of fluorescent Tube a) 18 to 40Watts	Nos	150	83 00	12450 00
4	05/16 11	Supplying and Fixing of heavy duty open construction ferromagnetic copper ballast for fluorescent tubes I.20/40Watts in complete	Nos	125	275 00	34375 00
5	5/16 18	Supply and fixing of 230 volts 20/40/watts starter for Fluorescent lamp	Nos	170	23 00	3910 00
6	71/13.4/13.4.3	Rewinding a mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot	1200 MM Nos	10	693 00	6930 00
7	11/3.14 1	Supplying and fixing/replacing of 6/16/32 Amps electrical accessories on existing switch board- 1) 6 amps S P switch	Nos	50	40 00	2000 00
8	11/3.14 3	3) 6 amps 3 way 5 pin socket	Nos	35	60 00	2100 00
9	11/3.14 9	9) 16 amps S P switch	Nos	25	98 00	2450 00
10	11/3.14 10	10) 16 amps 3 way 5 pin socket–	Nos	30	105 00	3150 00
11	11/3.14 11	11) 16 amps 3 pin top –	Nos	10	90 00	900 00
12	11/3.14 12	I2) 32 amps Bakelite DP	Nos	15	185 00	2775 00
13	11/3.14 13	13) 16/6 Amps Comined plug & socket with control switch 1) Group 'A'	Nos	25	26 00	650 00
14	71/13.3 1	Supplying and fixing/replacing condenser for ceiling fan/MV/SV/MH and other luminaries a) upto 4 mfd	Nos	25	114 00	2850 00
15	71/13 6	Supplying and replacing of ceiling fan regulator 900 mm to 1500 mm	Nos	15	172 00	2580 00

Scanned by CamScanner

16	27/5 17 1	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required- 1) 6 32 amps S P	Nos	9	434 00	3906 00
17	27/5 17	3) 32 amps D P	Nos	5	909 00	4545 00
18	27/5 17 9	6) 40-63 amps TPN	Nos	3	2397 00	7191 00
19	5/2.3.2	Wiring for lighting/power circuit using one of PVC insulated 1100 volts grade multis and copper conductor single core cable in open or concealed systems of wiring Group-B 2) 1 5 sq mm	Mtrs	120	20 50	2460 00
20	5/2.3.3	3) 2 5 sq mm	Mtrs	150	32 00	4800 00
21	64/12.3/ 12.3.2	Supplying of feet - PVC Batten with integrated LED tube W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80 Power Input 220-240V @ 50/60Hz & Power factor >0 9 along with CE approved 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 1 x4'- 20/22 w	Nos	25	375 00	9375 00
22	64/12.3 3	Supplying of feet - PVC Batten with integrated LED tube W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80 Power Input 220-240V @ 50/60Hz & Power factor >0 9 along with CE approved 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fightingLED light fighting 2x4'- 20/22 w	Nos	6	625 00	3750 00
23	46/7 3	Supplying capacitor type ceiling fan complete with down rod blades shackle canopies etc for operation on 230 volts 50 cycles Single-phase AC sup ply conforming to ISS-374-1979 and with double ball bearing system 1) 48" Sweep (1200mm) Regular Model	Nos	15	2090 00	31350 00
24	79/14 7	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0 0076" twin twisted PVC insulated wires. required Nos of round blocks and clamps 1)On wall / ceiling / Rafter / Girders	Nos	24	110 00	2640 00
25	80/14 8	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps ceiling rose necessary length of 23 / 0 0076 inch PVC insulated twin twisted copper wire and wiring	Nos	15	150 00	2250 00

26	48/7 13	Supplying and installation of insulated refrigerant copper tubing of 5/8 and 3/8 with polythene foam insulation 3 core 80 stand copper wiring between indoor and outdoor unit Leak testing oil and gas charging for additional piping length of tube Split	Mtrs	20	1155 00	23100 00
27	48/7 15 3	Supply and fixing of condensing coil for Split Air Conditioners 2 ton capacity	Nos	1	8200 00	8200 00
28	49/7 18	Supplying and fixing the fan motor for blowers and condenser of 1/5 HP single shaft/double shaft suitable for split /window air conditioners	Nos	2	3180 00	6360 00
29	48/7 16 2	supply and fixing capacitor's (of approved make) for window/split air conditoner 80 to 200mfd starting capacitor	Nos	5	580 00	2900 00
30	588 0	Supplying wall mounting fan suitable to operate at single-phase 230v A C supply 400mm Sweep	Nos	12	1960 00	23520 00
31	27/5 14 7	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws bolts nuts and wiring complete Protection of Overload and short circuit with thermal Magnetic/Micro Processor release and Earth Fault as per IS-13947 (Icu=Ics) FOUR POLE 100 Amps 25 kA	Each	2	6400 00	12800 00
32	26/5 13 4	Supply and fixing of 4pole contractor with No/NC contacts on existing wood/panel board using necessary bolts nuts washers and wires etc . complete with AC-3 rating and as per Is-13947 100/125 Amps	Each	2	7200 00	14400 00
33	54/9 2 5	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable 5Pair	Mtrs	134	48 00	6432 00
34	106/16 3	Filtering of oil in the transformer at the transformer center by hot process using "Stream line filter" such time the dielectric strength of the oil in the transformer conforms to ISI specification (Test certificate to be produced) KPWD 2016-17	Litre	100	20 00	2000 00
35	106/16 34	Supplying and Topping -up of new Transil OIL KPWD 2016-17	Per Litre	40	170 00	6800 00
36	57/10 4 7	Supplying Installation testing & commissioning of 12Volts AH batteries in poly propylene container for D G sets Low maintenance batteries plate type 120 AH capacity Acid batteries	Nos	4	18400 00	18400 00
37	AR	AMC Charges for 1 year to 50 KVA 62 5 KVA & 82 5 KVA D G Set including replacement of Engine Oil Filter Kit and Radiator Collent	Per Annum	1	38527 00	38527 00
38	AR	Radiator Hose Kit - 3917 for 50 KVA 62 5 & 82 5 KVA make Engine Overhauling	Set	1	1416 00	1416 00

Scanned by CamScanner

39	AR	Hose Clamp - 3917 for 50 KVA, 62 5 & 82 5 KVA make Engine Overhauling	Set	1	590 00	590 00
40	AR	Oil Filter - 8409for 50 KVA, 62 5 & 82.5 KVA make Engine Overhauling	Nos	1	3200 00	3200 00
41	AR	Diesel Filter - 8409for 50 KVA, 62.5 & 82 5 KVA make Engine Overhauling	Set	1	2560 00	2560 00
42	AR	Radiator Coalant- 8483 for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Ltrs	1	448 00	448 00
43	AR	TC Kit Turbo Charger - 8421for 50 KVA, 62.5 & 82.5 KVA make Engine Overhauling	Set	1	7680 00	7680 00
		Total Amount				**572758.90**
		Add GST 12% 518337.90				62200.55
		Miscellaneous				40.55
		Total Amount				**635000.00**

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary
3. The Work comes in the BMP limit and is legitimate charges on the Corporation Funds
4. The rates in the Estimate is based on PWD Elec Sr 2019-20 and approved rates

Asst. Engineer (Elec)

Asst. Exe Engineer (Elec)
Sub-Division No
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
DASARAHALLI DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

ಸಂ.ಬೃ.ಬೆ.ಮ.ಪಾ.(ದ)ಕಾಸ ಆ6 2021-2022
ದಿನಾಂಕ 16/8/21 ರೂ 6.35 ಲಕ್ಷಗಳು
ಮಾತ್ರ
ಅಂದಾಜು ಮತ್ತು ಆಯವ್ಯಯ ಮಂಜೂರಾತಿ ನೀಡಲಾಗಿದೆ.
ಮುಖ್ಯ ಸಂಖ್ಯೆ ಉಪಸಂಖ್ಯೆ
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಯವರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸನಪುರ ವಲಯ, ಬೆಂಗಳೂರು

ವಿಷಯ: ಬೃ.ಬೆಂ.ಮ.ಪಾ : ದಾ.ವ : ಕಾಂತ್ರಿಕ : 03/ 2021 - 2021
ದಿನಾಂಕ: 16/8/2021 ರವರು ಮಟ್ಟವನ್ನು ರೂ. 6.35 ಲಕ್ಷಗಳಿಗೆ
ಅಕ್ಷರಗಳಲ್ಲಿ Six Lakhs ಮತ್ತು ಮೂವತ್ತೈದು ಮಾತ್ರ
ಗಳಿಗೆ ಮಾತ್ರ 2021 - 22 ನೇ ಸಾಲಿನ ಮಟ್ಟವನ್ನು ಕಾಂತ್ರಿಕ
ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಯವರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾ. ದಾಸನಪುರ ವಲಯ, ಬೆಂಗಳೂರು-57.

Scanned by CamScanner